

10 772 273

**CLAIMS**

	Claim 11. (Allowed) The device of Claim 9 wherein: said external device supplies non-electric energy to said cartridge.	1 2
	Claim 12. (Allowed) The device of Claim 9 wherein: said external device supplies optical energy to said cartridge.	1 2
	Claim 13. (Allowed) The device of Claim 1 further comprising: means for controlling the amount of infrared radiation emitted by said light panels.	1 2 3
	Claim 14. (Allowed) The device of Claim 1 wherein: said front surface is flat.	1 2
	Claim 15. (Allowed) The device of Claim 1 wherein: said front surface is convex.	1 2
	Claim 16. (Allowed) The device of Claim 1 wherein: said front surface is concave.	1 2
	Claim 17. (Allowed) The device of Claim 1 wherein: said front surface is carved.	1 2
	Claim 18. (Alloowed) The device of Claim 1 wherein: said front surface is textured.	1 2
	Claim 19. (Allowed) The device of Claim 1 wherein: said front surface is etched.	1 2
	Claim 20. (Cancelled)	
	Claim 21. (Allowed) The device of Claim 1 wherein: said front surface is sculpted.	1 2
	Claim 22. (Allowed) The device of Claim 1 wherein: said front surface has material applied thereto to form letters.	1 2
	Claim 23. (Allowed) The device of Claim 1 wherein: said front surface has material applied thereto to modify the light transmitted from said front surface.	1 2 3
	Claim 24. (Allowed) The device of Claim 1 wherein: at least one of said lens panels contains a hollow portion.	1 2

1	<b>Claim 25. (Allowed) The device of Claim 24 wherein:</b>	1
2	<b>said hollow portion of said lens panel is filled with fluid.</b>	2
1	<b>Claim 26. (Allowed) The device of Claim 1 wherein:</b>	1
2	<b>said light cartridge contains means for projecting television-like</b>	2
3	<b>signals onto said front surface of said light panel.</b>	3
1	<b>Claim 27. (Allowed) The device of Claim 1 comprising:</b>	1
2	<b>at least two of said lens panels having their bases attached and</b>	2
3	<b>extending outwardly from said bases in opposing relation.</b>	3
4		4
1	<b>Claim 28. (Allowed) The device of Claim 1 comprising:</b>	1
2	<b>at least two of said lens panels having their bases attached and</b>	2
3	<b>extending outwardly from said bases with said front surfaces defining an</b>	3
4	<b>angle to each other.</b>	4
1	<b>Claim 29. (Allowed) The device of Claim 9 wherein:</b>	1
2	<b>said light cartridge contains a light source and said delivering means</b>	2
3	<b>is an electrical cable.</b>	3
1	<b>Claim 30. (Allowed) The device of Claim 9 wherein:</b>	1
2	<b>said delivering means is a light pipe.</b>	2
1	<b>Claim 31. (Allowed) The device of Claim 9 wherein:</b>	1
2	<b>said delivering means is a laser.</b>	2
1	<b>Claim 32. (Allowed) The device of Claim 1 wherein:</b>	1
2	<b>said cartridge includes light modifying means.</b>	2
1	<b>Claim 33. (Allowed) The device of Claim 32 wherein:</b>	1
2	<b>said light modifying means is a photomultiplier.</b>	2
1	<b>Claim 34. (Allowed) The device of Claim 32 wherein:</b>	1
2	<b>said light modifying means is a filter.</b>	2
1	<b>Claim 35. (Allowed) The device of Claim 32 wherein:</b>	1
2	<b>said cartridge contains a filter to pass only desired light frequencies</b>	2
3	<b>to said lens panel, and</b>	3
4	<b>a substance to be purified by said ultraviolet light is passed through</b>	4
5	<b>said hollow portion of said lens panel.</b>	5

- 1           **Claim 36. (Allowed) The device of Claim 34 wherein:**           1  
2            **said filter serves to control the amount of infrared light passed to**   2  
3           **said light panels.**   3
- 1           **Claim 37. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is mounted on the framing studs of a building to form a**   2  
3           **floor panel for a room within said building.**                           3
- 1           **Claim 38. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is mounted on the framing studs of a building to form a**   2  
3           **wall panel for a room within said building.**                           3
- 1           **Claim 39. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is mounted on the framing studs of a building to form a**   2  
3           **ceiling panel for a room within said building.**                       3
- 1           **Claim 40. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is embedded in the ground to form a section of a**   2  
3           **sidewalk.**   3
- 1           **Claim 41. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is embedded in the ground to form a section of a road.**   2
- 1           **Claim 42. (Allowed) An article of furniture comprising:**           1  
2            **at least one light distribution device having a pair of light transmit-** 2  
3           **ting lens panels having a base a front surface extending outwardly from** 3  
4           **one edge of said base and a rear surface extending outwardly from the op-** 4  
5           **posite edge of said base and inclining toward the outer edge of said front** 5  
6           **surface, and one of said lens panels formed with a recess adjacent said base,** 6  
7           **and**   7  
8            **a light cartridge mounted adjacent said base to transmit light**           9  
9           **through said lens panel.**   9
- 1           **Claim 43. (Allowed) The device of Claim 1 wherein:**           1  
2            **said lens panel is arcuate.**   2
- 1           **Claim 44. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is mounted under water.**                                   2
- 1           **Claim 45. (Allowed) The device of Claim 1 wherein:**           1  
2            **said device is mounted in an explosive atmosphere.**                   2
- 1           **Claim 46. (Allowed) The device of Claim 1 wherein:**           1

**47**  
Claim 46. (Allowed) The device of Claim 1 wherein:  
said device serves to regulate the temperature of the surrounding

**48**  
Claim 47. (Allowed) The device of Claim 1 wherein:  
said device serves as a sign.

<sup>4-9</sup>  
Claim 48. (Allowed) The device of Claim 32 wherein ;  
said light modifying means projects images into said lens panel.

<sup>50</sup>  
Claim 49. (Allowed) The device of Claim 48 wherein:  
said light modifying means is a television projection system

Claim 50. (Cancelled)

**Claim 50.** (Allowed) A light-emitting structure including:  
at least two lens panels, each of said lens panels comprising:  
a geometric base, a front surface extending outwardly from one  
of said base and a rear surface extending outward from the opposite  
of said base and inclining toward the outer edge of said front surface  
lens panels being mounted in base to base relation; and  
a light cartridge connecting said bases and serving to deliver light  
through said lens panels.

53  
Claim 52. (New) A structure comprising at least one light-emitting panel as a structural component thereof, said panel comprising a base, a front surface extending outwardly from one edge of said base and a rear surface extending outward from the opposite edge of said base and inclining toward the outer edge of said front surface, a recess formed adjacent the base of at least one of said lens panels and a light cartridge mounted within said recess.

Claim 53. (New) The structure of Claim 52 wherein:  
said structure is a piece of furniture.

Claim 54. (New) The structure of Claim 52 wherein:  
said structure is a vehicle-bearing surface.

Claim 55. (New) The structure of Claim 52 wherein:  
said light-emitting panel is hollow, and  
means for supplying fluid through said panel.

- 130  
Rule
- 1      Claim 56. (New) The structure of Claim 53 wherein:      1  
2      said structure is a sidewalk.
- 1      Claim 57. (New) The structure of Claim 56 wherein:      1  
2      said light-emitting panel is hollow, and      2  
3      means for supplying hot fluid through said panel.      3
- 1      Claim 57. (New) The structure of Claim 52 wherein:      1  
2      said structure has an interior wall and said light-emitting panel forms      2  
3      a structural component of said interior wall.      3
- 1      Claim 58. (New) The structure of Claim 52 wherein:      1  
2      said structure has an exterior wall and said light-emitting panel forms      2  
3      a structural component of said exterior wall.      3
- 1      Claim 59. (New) The structure of Claim 52 wherein:      1  
2      said structure includes an architectural dome and said light-emitting      2  
3      panel forms a structural component of said dome.      3
- 1      Claim 60. (New) The structure of Claim 52 wherein:      1  
2      said structure is hollow and includes means for passing a fluid      2  
3      through said panel, and      3  
4      means for passing ultraviolet light through said panel to treat said      4  
5      fluid.      5